

Field Survey for Meadows and Roads ¹

Forest: Eldorado National Forest	District: Amador	County: Amador
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Observers Ryan Lockwood, Eliza Lubetkin	Date: 27 July 2011 Time:
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Number and/or name of road or trail 9N01	UTM @ End of road
Meadow reference number 9N01 - All	11S 242454 x 4277076

Characteristics of meadow	
Is the feature a meadow? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Describe what the feature actually is)	
Does the location of the meadow on-the-ground match the information in GIS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If the answer is no, please describe the difference). Landscape overall has extensive meadow development, more than is shown in GIS by ~50% ↑ in area.	
Wetness of meadow <input checked="" type="checkbox"/> Very wet (Standing or flowing surface water present in all or a large portion of feature). (Select the best answer at the time of the survey) <input type="checkbox"/> Moderately wet (Surface water in part of feature and/or ground surface wet in most of feature). <input type="checkbox"/> Slightly wet (No surface water. Ground surface wet in part of feature). <input type="checkbox"/> Mostly dry (No surface water. Ground surface dry in most of feature). <input type="checkbox"/> Dry (No surface water. Ground surface dry in entire feature).	
Predominate riparian/wetland vegetation: Alder, willow, corn lily, forbs Abundance and location:	Predominant non-riparian/wetland vegetation: Lodgepole, Mt Hemlock Abundance and location:
Proximity and characteristics of motorized routes in the meadow	
Does the road or trail enter the meadow? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Describe the location of the road or trail with respect to hydrologic features in the meadow.) Most of road segment is in or within 100' of meadow.	
Does the road or trail parallel a portion of the meadow (within 100 ft. of the edge of the meadow)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Describe the distance that the road or trail parallels the meadow, and attach photos.)	
Is there evidence of motorized use off of the road or trail and into the meadow? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Describe the evidence, and attach photos.) One major non-system route present (photos taken).	
Are there stream channel crossings along the road in the meadow? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pipes/culverts <input type="checkbox"/> Bridge <input type="checkbox"/> Raw crossing Many culverts, 12 or more	
Are there cross drain structures along the road or trail in the meadow? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pipes/culverts <input type="checkbox"/> Rolling dip	

¹ Use a separate form for each road or trail.

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9N01

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R. Lockwood, E. Lubetkin

Condition of meadow

Active erosion features (rills, gullies, headcuts) in meadow? ☒ Yes ☐ No
(If yes, describe the type, number, size, and location of the erosional features and whether they appear to be related to the road or trail.)

Old, healed erosional features in meadow? ☒ Yes ☐ No
(If yes, describe the type, number, size, and location of the erosional features and whether they appear to be related to the road or trail.)

Hummocky surface in portions of the meadow? ☒ Yes ☐ No (If yes, describe location and aerial extent in meadow).

If the road(s) or trail(s) goes through the meadow, is the road/trail noticeably affecting the movement of water through the meadow?
☒ Yes ☐ No (If yes, describe the physical evidence).

If the road(s) or trail(s) parallels a portion of the meadow, is the road/trail noticeably affecting the movement of water into or out of the meadow? ☒ Yes ☐ No (If yes, describe the evidence).

Is a road(s) or trail(s) contributing sediment into the meadow to the extent that it is noticeably affecting the size and/or function of the meadow? ☒ Yes ☐ No (If yes, describe the physical evidence). *Obvious patches of mass sed. movement. Erosion and deposition*

Other land disturbances within the meadow? ☐ Yes ☒ No
(If yes to the above, describe types and extent).

Stream flowing through the meadow? ☒ Yes ☐ No

Is stream eroding vertically (i.e. active downcutting)? ☒ Yes ☐ No
Is stream eroding laterally (i.e. actively widening)? ☒ Yes ☐ No
Does stream contain an active headcut(s)? ☒ Yes ☐ No
Does stream contain old (healed) headcut(s)? ☒ Yes ☐ No

Aquatic species (incidental sightings only – no survey to a specific protocol)

List aquatic species present, numbers of individuals, and life stage

None observed

Findings with respect to Standard and Guideline (S&G) #100 of the SNFPA

☐ Yes. S&G #100 is being met with regard to this road/trail and meadow.

☒ No. S&G #100 is NOT being met with regard to this road and meadow.

☐ I. Inconclusive. Field evidence not sufficient to determine if S&G #100 is being met.

S&G 100: Maintain and restore the hydrologic connectivity of streams, meadows, wetlands, and other special aquatic features by identifying roads and trails that intercept, divert, or disrupt natural surface and subsurface water flow paths. Implement corrective actions where necessary to restore connectivity.

Other Comments

Ample and obvious effects to hydrology from road-see photos.